

PATENT COOPERATION TREATY

WOM
RECEIVED

MAY - 1 2000

Christie, Parker & Hale, LLP

From the
INTERNATIONAL PRELIMINARY EXAMINING AUTHORITY

PCT

NOTIFICATION OF TRANSMITTAL OF INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Rule 71.1)

| | |
|---|----------------|
| To: WESLEY W. MONROE CHRISTIE, PARKER & HALE, LLP POST OFFICE BOX 7068 PASADENA, CALIFORNIA 91109-7068 | |
| CASE # <u>34897-PCT</u> | ACTION _____ |
| REMINDER _____ | DUE DATE _____ |
| DEADLINE _____ | |

| | |
|-------------------------------------|--------------------|
| Date of Mailing (day/month/year) | 27 APR 2000 |
|-------------------------------------|--------------------|

| | | | |
|--|--|---|--|
| Applicant's or agent's file reference 34897PCT/WWM | | IMPORTANT NOTIFICATION | |
| International application No. PCT/US99/14401 | International filing date (day/month/year) 26 JUNE 1999 | Priority Date (day/month/year) 26 JUNE 1998 | |
| Applicant E GUIDE, INC. S/B ISI | | | |

1. The applicant is hereby notified that this International Preliminary Examining Authority transmits herewith the international preliminary examination report and its annexes, if any, established on the international application.
2. A copy of the report and its annexes, if any, is being transmitted to the International Bureau for communication to all the elected Offices.
3. Where required by any of the elected Offices, the International Bureau will prepare an English translation of the report (but not of any annexes) and will transmit such translation to those Offices.

4. REMINDER

The applicant must enter the national phase before each elected Office by performing certain acts (filing translations and paying national fees) within 30 months from the priority date (or later in some Offices) (Article 39(1)) (see also the reminder sent by the International Bureau with Form PCT/IB/301).

Where a translation of the international application must be furnished to an elected Office, that translation must contain a translation of any annexes to the international preliminary examination report. It is the applicant's responsibility to prepare and furnish such translation directly to each elected Office concerned.

For further details on the applicable time limits and requirements of the elected Offices, see Volume II of the PCT Applicant's Guide.

BEST AVAILABLE COPY

| | |
|--|--|
| Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230 | Authorized officer CHRISTOPHER GRANT <i>Joni Hill</i> Telephone No. (703) 305-4755 |
|--|--|

PATENT COOPERATION TREATY

www LTR
RECEIVED

OCT 11 1999

From the INTERNATIONAL SEARCHING AUTHORITY

To: LEROY T. RAHN
CHRISTIE, PARKER & HALE, LLP
POST OFFICE BOX 7068
PASADENA, CALIFORNIA 91109-7068

PCT Christie, Parker & Hale LLP

NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION

(PCT Rule 44.1)

CASE # 34897 PCT

REMINDER _____ DUE DATE 12/5/99
DEADLINE 2/15/00

Date of Mailing
(day/month/year)

05 OCT 1999

Applicant's or agent's file reference
34897PCT/LTR

FOR FURTHER ACTION See paragraphs 1 and 4 below

International application No.
PCT/US99/14401

International filing date
(day/month/year)
26 JUNE 1999

Applicant
E GUIDE, INC.

1. ☒ The applicant is hereby notified that the international search report has been established and is transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the international application (see Rule 46):

When? The time limit for filing such amendments is normally 2 months from the date of transmittal of the international search report; however, for more details, see the notes on the accompanying sheet.

Where? Directly to the International Bureau of WIPO
34, chemin des Colombettes
1211 Geneva 20, Switzerland
Facsimile No.: (41-22) 740.14.35

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect is transmitted herewith.

3. ☐ With regard to the protest against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.

☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. **Further action(s):** The applicant is reminded of the following:

Shortly after 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in rules 90 bis 1 and 90 bis 3, respectively, before the completion of the technical preparations for international publication.

Within 19 months from the priority date, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase until 30 months from the priority date (in some Offices even later).

Within 20 months from the priority date, the applicant must perform the prescribed acts for entry into the national phase before all designated Offices which have not been elected in the demand or in a later election within 19 months from the priority date or could not be elected because they are not bound by Chapter II.

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

CHRISTOPHER GRANT

Telephone No. (703) 305-4755

Joni Hill

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| | | |
|---|--|--|
| Applicant's or agent's file reference 34897PCT/LTR | FOR FURTHER ACTION <i>see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.</i> | |
| International application No. PCT/US99/14401 | International filing date (<i>day/month/year</i>) 26 JUNE 1999 | (Earliest) Priority Date (<i>day/month/year</i>) 26 JUNE 1998 |
| Applicant E GUIDE, INC. | | |

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. ☐ Certain claims were found unsearchable (See Box I).
2. ☐ Unity of invention is lacking (See Box II).
3. ☐ The international application contains disclosure of a nucleotide and/or amino acid sequence listing and the international search was carried out on the basis of the sequence listing

☐ filed with the international application.
☐ furnished by the applicant separately from the international application,

☐ but not accompanied by a statement to the effect that it did not include matter going beyond the disclosure in the international application as filed.

☐ transcribed by this Authority.

4. With regard to the title,

☐ the text is approved as submitted by the applicant.
☒ the text has been established by this Authority to read as follows:

TERMINAL POWERED ON FOR EPG DOWNLOAD

5. With regard to the abstract,

☐ the text is approved as submitted by the applicant.
☒ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the drawings to be published with the abstract is:

Figure No. 2

- ☒ as suggested by the applicant.
☐ because the applicant failed to suggest a figure.
☐ because this figure better characterizes the invention.

☐ None of the figures.

Box III TEXT OF THE ABSTRACT (Continuation of Item 5 of the first sheet)**NEW ABSTRACT**

Television program data is intermittently downloaded to a plurality of user terminals equipped with a data receiver (34), a memory (22) for storing television program data, an on screen electronic program guide generator (19), a microprocessor (24), and a television monitor (20) for displaying television programs and an electronic program guide. The data receivers are normally powered off and powered on at a regular intervals to receive transmitted program data. The transmitted program data is stored in the memory (22). The microprocessor (24) is configured to transfer television program data from the memory (22) to the generator in response to user commands and to control the generator to generate a video drive signal representative of an on-screen television program guide. The drive signal is coupled to the generator to the monitor to display the on-screen program guide. Various regimes are employed to turn the tuner on and off.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US99/14401

A. CLASSIFICATION OF SUBJECT MATTER

IPC(6) :H04N 5/44

US CL :345/327

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 345/327,6,7,10,12,13,563,564,906,730; 455/6.2, 6.3; H04N 7/16, 7/173, 5/44

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| X,P | US 5,850,218 A (LAJOIE et al.) 15 December 1998, see figure 3; col. 8, lines 20-28; col. 13, lines 35-65; col. 33, lines 30-62 | 1-2 |
| A | US 5,657,072 A (ARISTIDES et al.) 12 August 1997, see col. 7, line 27 - col. 8, line 23. | 1-2 |
| A | US 5,592,551 A (LETT et al.) 07 January 1997, see figure 3; col. 13, lines 4-30 | 1-2 |



Further documents are listed in the continuation of Box C.



See patent family annex.

| | | | |
|----|---|----|--|
| • | Special categories of cited documents: | •T | later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention |
| •A | document defining the general state of the art which is not considered to be of particular relevance | | |
| •E | earlier document published on or after the international filing date | •X | document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone |
| •L | document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) | •Y | document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art |
| •O | document referring to an oral disclosure, use, exhibition or other means | | |
| •P | document published prior to the international filing date but later than the priority date claimed | •A | document member of the same patent family |

Date of the actual completion of the international search

14 AUGUST 1999

Date of mailing of the international search report

05 OCT 1999

Name and mailing address of the ISA/US
Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Facsimile No. (703) 305-3230

Authorized officer

CHRISTOPHER GRANT

Telephone No. (703) 305-4755

Joni Hill

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Assistant Commissioner for Patents
United States Patent and Trademark
Office
Box PCT
Washington, D.C.20231
ETATS-UNIS D'AMERIQUE

in its capacity as elected Office

| | |
|---|---|
| Date of mailing (day/month/year) 28 March 2000 (28.03.00) | |
| International application No. PCT/US99/14401 | Applicant's or agent's file reference 34897PCT/LTR |
| International filing date (day/month/year) 26 June 1999 (26.06.99) | Priority date (day/month/year) 26 June 1998 (26.06.98) |
| Applicant MACRAE, Douglas, B. et al | |

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

25 January 2000 (25.01.00)

☐ in a notice effecting later election filed with the International Bureau on:

2. The election
- ☒
- was

☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

| | |
|---|-------------------------------------|
| The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland | Authorized officer R. E. Stoffel |
| Facsimile No.: (41-22) 740.14.35 | Telephone No.: (41-22) 338.83.38 |

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

| | | |
|---|--|--|
| Applicant's or agent's file reference 34897PCT/WWM | FOR FURTHER ACTION See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) | |
| International application No. PCT/US99/14401 | International filing date (day/month/year) 26 JUNE 1998 | Priority date (day/month/year) 26 JUNE 1998 |
| International Patent Classification (IPC) or national classification and IPC IPC(6): H04N 5/44 and US Cl.: 345/327 | | |
| Applicant E GUIDE, INC. | | |

| |
|---|
| <p>1. This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36.</p> <p>2. This REPORT consists of a total of <u>3</u> sheets.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority. (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of <u>0</u> sheets.</p> |
| <p>3. This report contains indications relating to the following items:</p> <p>I <input checked="" type="checkbox"/> Basis of the report</p> <p>II <input type="checkbox"/> Priority</p> <p>III <input type="checkbox"/> Non-establishment of report with regard to novelty, inventive step or industrial applicability</p> <p>IV <input type="checkbox"/> Lack of unity of invention</p> <p>V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement</p> <p>VI <input type="checkbox"/> Certain documents cited</p> <p>VII <input type="checkbox"/> Certain defects in the international application</p> <p>VIII <input type="checkbox"/> Certain observations on the international application</p> |

| | |
|--|--|
| Date of submission of the demand 25 JANUARY 2000 | Date of completion of this report 03 MARCH 2000 |
| Name and mailing address of the IPEA/US Commissioner of Patents and Trademarks Box PCT Washington, D.C. 20231 Facsimile No. (703) 305-3230 | Authorized officer CHRISTOPHER GRANT Joni Hill Telephone No. (703) 305-4755 |

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US99/14401

I. Basis of the report

1. This report has been drawn on the basis of *(Substitute sheets which have been furnished to the receiving Office in response to an invitation*

- ☒ the international application as originally filed.
- ☒ the description, pages 1-7 , as originally filed.
pages NONE , filed with the demand.
pages NONE , filed with the letter of _____
pages _____ , filed with the letter of _____
- ☒ the claims, Nos. 1-2 , as originally filed.
Nos. NONE , as amended under Article 19.
Nos. NONE , filed with the demand.
Nos. NONE , filed with the letter of _____
Nos. _____ , filed with the letter of _____
- ☒ the drawings, sheets/fig 1-3 , as originally filed.
sheets/fig NONE , filed with the demand.
sheets/fig NONE , filed with the letter of _____
sheets/fig _____ , filed with the letter of _____

2. The amendments have resulted in the cancellation of:

- ☒ the description, pages none .
- ☒ the claims, Nos. none .
- ☒ the drawings, sheets/fig none .

3. ☐ This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the ~~Supplemental Box~~ Additional observations below (Rule 70.2(c)).

4. Additional observations, if necessary:

NONE

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/US99/14401

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**1. STATEMENT**

| | | |
|-------------------------------|--------------------|-----|
| Novelty (N) | Claims <u>1-2</u> | YES |
| | Claims <u>none</u> | NO |
| Inventive Step (IS) | Claims <u>1-2</u> | YES |
| | Claims <u>none</u> | NO |
| Industrial Applicability (IA) | Claims <u>1-2</u> | YES |
| | Claims <u>none</u> | NO |

2. CITATIONS AND EXPLANATIONS

Claims 1-2 meet the criteria set out in PCT Article 33(2)-(4), because the prior art does not teach or fairly suggest a method of downloading television program data to plural user terminals equipped with a data receiver comprising: normally powering off data receivers, powering data receivers on, storing transmitted program data in a memory, programming the microprocessor to transfer television program data from the memory to the generator in response to user commands and to control the generator to display on a monitor on-screen program guide as recited in the claims.

----- NEW CITATIONS -----
NONE

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

☒ **BLACK BORDERS**

☒ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**

☐ **FADED TEXT OR DRAWING**

☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**

☐ **SKEWED/SLANTED IMAGES**

☒ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**

☒ **GRAY SCALE DOCUMENTS**

☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**

☒ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**

☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.